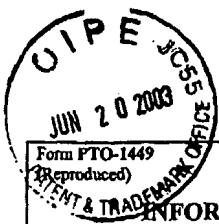


JUN 20 2003

Sheet 1 of 1

Form PTO-7649 (Reproduced by U.S. TRADEMARK OFFICE)			Docket Number (Optional)		Application Number	
			BB-1126 US DIV		10/027,450 09/173,300	
			Applicant		SAVERIO CARL FALCO	
			Filing Date	12/20/01 OCTOBER 15, 1998	Group Art Unit	1643 1652
U. S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
	NCBI General Identifier No. 400054					
	NCBI General Identifier No. 1170543					
	NCBI General Identifier No. 1176947					
	NCBI General Identifier No. 1708468					
	NCBI General Identifier No. 3122287					
	NCBI General Identifier No. 124380					
	NCBI General Identifier No. 3219823					
	NCBI General Identifier No. 3122347					
	NCBI General Identifier No. 3122345					
	NCBI General Identifier No. 400187					
Higgins, D.G. and Sharp, P.M. (1989) Cabrios 5:151-153						
Hein, J.J. (1990) Meth. Enz. 183:626-645						
Selkov et al. (1997) Gene 197:GC11-GC26						
EXAMINER	T. Saraha		DATE CONSIDERED	5/24/04		

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Sheet 1 of 1

INFORMATION DISCLOSURE CITATION IN AN APPLICATION <small>(Use several sheets if necessary)</small>				Docket Number (Optional) BB-1126 USDIV		Application Number 10/027,450 09/173,300	
				Applicant SAVERIO CARL FALCO			
				Filing Date 12/20/01 OCTOBER 15, 1998		Group Art Unit 1652 1643	
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO	
J/S	WO 94/08020	4/14/94	PCT	C12N 15	60		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
J/S	Pirrung et al, Mechanism and stereochemistry of alphabeta-dihydroxyacid dehydratase, <i>J. Am. Chem. Soc.</i> , 113, 1020-1025, 1991						
	Kanamori et al, Studies in valine biosynthesis, <i>The Journal of Biological Chemistry</i> , 238, No. 3, 998-1005, March 1963						
	Flint et al, Dihydroxy acid dehydratase from spinach contains a [2Fe-2S] cluster, <i>The Journal of Biological Chemistry</i> , 263, No. 8, 3558-3564, 1988						
	Wallsgrove et al, Biochemical characterisation of nicotiana plumbaginifolia auxotrophs that require branched-chain amino acids, <i>Plant Cell Reports</i> , 3, 223-226, 1986						
	Wallsgrove et al, Biochemical characterisation of an auxotroph of <i>Datura innoxia</i> requiring isoleucine and valine, <i>Plant Science</i> , 43, 109-114, 1986						
	Mazur et al, Isolation and characterization of plant genes coding for acetolactate synthase, the target enzyme for two classes of herbicides, <i>Plant Physiology</i> , 85, 1110-1117, 1987						
	Dumas et al, Isolation, characterization and sequence analysis of a full-length cDNA clone encoding acetohydroxy acid reductoisomerase from spinach chloroplasts, <i>The Biochemical Journal</i> , 227, No. 2, 469-475, 1991						
	Velasco et al, Cloning of the dihydroxydehydratase-encoding gene (ILV3) from <i>Saccharomyces cerevisiae</i> , <i>Gene</i> , 137, No. 2, 179-185, 1993						
	Godon et al, Branched-chain amino acid biosynthesis genes in <i>Lactococcus lactis</i> subsp. <i>lactis</i> , <i>Journal of Bacteriology</i> , 174, No. 20, 6580-6589, 1992						
J/S	Lawther et al, The complete nucleotide sequence of the ilvGMEDA operon of <i>Escherichia coli</i> K-12, <i>Nucleic Acid Research</i> , 15, No. 5, 2137-2155, 1987						
EXAMINER	T. Sadha	DATE CONSIDERED		5/24/04			
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PTO/SB/086b (05-03)

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Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/027450
				Filing Date	December 20, 2001 JUL 03 2003
				First Named Inventor	S. C. Falco et al.
				Art Unit	1652
				Examiner Name	T. Sardha
Sheet	1	of	2	Attorney Docket Number	7560*30 (BB1126USDIV)

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ -Number-Kind Code ⁴ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
JCS	BA	WO 94/08020	04-14-1994		

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
JCS	CA	National Center for Biotechnology Information General Identifier No. 1170543, 1-29-1996, Dihydroxy-acid dehydratase, mitochondrial precursor (DAD)			
	CB	National Center for Biotechnology Information General Identifier No. 400054, 9-14-1993, Dihydroxy-acid dehydratase (DAD)			
	CC	National Center for Biotechnology Information General Identifier No. 1176947, 2-3-1996, Putative branched-chain amino acid aminotransferase (BCAT)			
	CD	National Center for Biotechnology Information General Identifier No. 1708468, 12-6-1996, Probable branched-chain amino acid aminotransferase (BCAT)			
	CE	National Center for Biotechnology Information General Identifier No. 3122287, 5-8-1998, Putative branched-chain amino acid aminotransferase (Transaminase B) (BCAT)			
	CF	National Center for Biotechnology Information General Identifier No. 124380, 4-23-1999, Branched-chain amino acid aminotransferase (Transaminase B) (BCAT)			
	CG	National Center for Biotechnology Information General Identifier No. 3219823, 6-15-1998, 3-isopropylmalate dehydratase large subunit 2 (Isopropylmalate isomerase 2) (Alpha-IPM isomerase 2) (IPMI 2)			
JCS	CH	National Center for Biotechnology Information General Identifier No. 3122347, 5-8-1998, 3-isopropylmalate dehydratase large subunit 1 (Isopropylmalate isomerase 1) (Alpha-IPM isomerase 1) (IPMI 1)			

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Examiner Signature	T. Sardha	Date Considered	7/25/03
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PTO/99/08a/b (05-03)

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2	of	2	Attorney Docket Number	7560*30 (BB1126USDIV)
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SCB	CI	National Center for Biotechnology Information General Identifier No. 3122345, 5-8-1998, 3-isopropylmalate dehydratase small subunit 2 (Isopropylmalate Isomerase 2) (Alpha-IPM Isomerase 2) (IPMI 2)	
	CJ	National Center for Biotechnology Information General Identifier No. 400187, 9-14-1993, 3-isopropylmalate dehydratase small subunit (Isopropylmalate Isomerase) (Alpha-IPM Isomerase) (IPMI)	
	CK	D. G. HIGGINS ET AL., 1989, Cabrios 5:151-153	
	CL	J. J. HEIN, 1990, Meth. Enz. 183:828-845	
	CM	SELKOV ET AL., 1997, Gene 197:GC11-GC28	
	CN	PIRRUNG ET AL., Mechanism and stereochemistry of alpha-beta-dihydroxyacid dehydratase, J. Am. Chem. Soc., 113, 1020-1025, 1991	
	CO	KANAMORI ET AL., Studies in valine biosynthesis, The Journal of Biological Chemistry, 238, No. 3, 998-1005, March 1963	
	CP	FLINT ET AL., Dihydroxy acid dehydratase from spinach contains a [2Fe-2S] cluster, The Journal of Biological Chemistry, 263, No. 8, 3558-3564, 1988	
	CQ	WALLSGROVE ET AL., Biochemical characterisation of <i>nicotiana plumbaginifolia</i> auxotrophs that require branched-chain amino acids, Plant Cell Reports, 3, 223-226, 1988	
	CR	WALLSGROVE ET AL., Biochemical characterisation of an auxotroph of <i>Datura innoxia</i> requiring isoleucine and valine, Plant Science, 43, 109-114, 1986	
	CS	MAZUR ET AL., Isolation and characterization of plant genes coding for acetolactate synthase, the target enzyme for two classes of herbicides, Plant Physiology, 85, 1110-1117, 1987	
	CT	DUMAS ET AL., Isolation, characterization and sequence analysis of a full-length cDNA clone encoding acetohydroxy acid reductoisomerase from spinach chloroplasts, The Biochemical Journal, 227, No. 2, 469-475, 1991	
	CU	VELASCO ET AL., Cloning of the dihydroxydehydratase-encoding gene (ilvV3) from <i>Saccharomyces cerevisiae</i> , Gene, 137, No. 2, 179-185, 1993	
	CV	GODON ET AL., Branched-chain amino acid biosynthesis genes in <i>Lactococcus lactis</i> subsp. <i>lactis</i> , Journal of Bacteriology, 174, No. 20, 6580-6589, 1992	
	CW	LAWTHER ET AL., The complete nucleotide sequence of the ilvGMEDA operon of <i>Escherichia coli</i> K-12, Nucleic Acid Research, 15, No. 5, 2137-2155, 1987	
SCB	CX	Sequence alignment of SEQ ID NO:1-6 and known sequences from the database	

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